

# Mathematics 2007, Grade 8

## Mathematics Composite

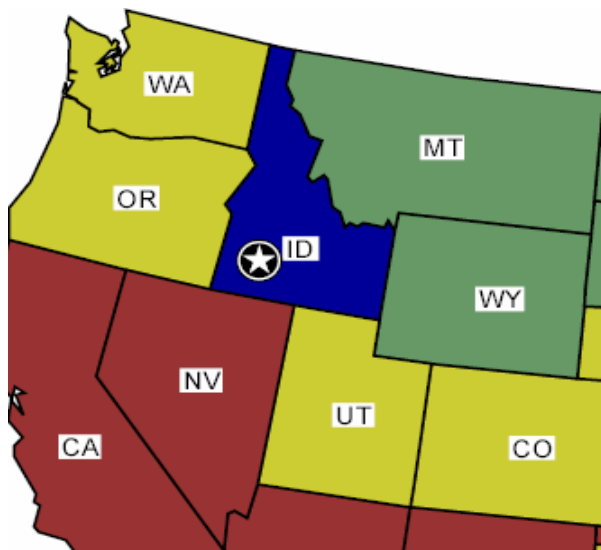


### Idaho NAEP Snapshot

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The Mathematics assessment of the National Assessment of Educational Progress (NAEP) used multiple-choice and constructed-response questions to examine student skills in number properties & operations, measurement, geometry, data analysis & probability, and algebra. Math scores range from 0 to 500, where 262 is *Basic* (meets grade 8 expectations), 299 is *Proficient*, and 333 is *Advanced*.

### Mathematics in the Northwest (Average Scale Score)

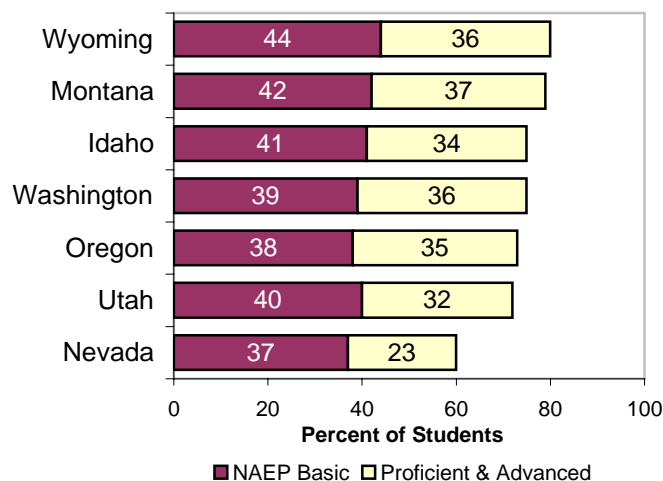


Legend: Idaho (blue) is the focal state. States in green scored significantly higher than Idaho. States in yellow were not statistically different from Idaho. States in red scored significantly lower than Idaho.

- ◆ In 2007, the average mathematics scale score for 8th grade students in Idaho was 284. This was higher than their national counterparts (280).
- ◆ Idaho 8th graders had a higher average scale score on mathematics in 2007 than their peers in Nevada.
- ◆ Idaho 8th graders had an average scale score on the 2007 mathematics assessment that was not significantly different from Washington, Oregon and Utah.
- ◆ Idaho 8th graders had a lower average scale score on mathematics in 2007 than their peers in Montana and Wyoming.

### Percentage of Students at NAEP Mathematics Achievement Levels

- ◆ Seventy-five (75) percent of Idaho 8th graders scored at or above *Basic* on the 2007 mathematics assessment. This was higher than the nation's 70 percent.
- ◆ Idaho had a higher percentage of 8th graders scoring at or above *Basic* on the 2007 mathematics assessment than Nevada.
- ◆ The percentage of Idaho 8th graders scoring at or above *Basic* on the 2007 mathematics assessment was not different from 4th graders in Washington, Oregon and Utah.
- ◆ Idaho had a lower percentage of 8th graders scoring at or above *Basic* on the 2007 mathematics assessment than Wyoming and Montana.



Comparisons are based on statistical tests (.05 level) that consider magnitude of difference and standard errors.  
Visit <http://www.boardofed.idaho.gov/naep/> for additional results and more information about Idaho NAEP.